

## **Dr. Robert Lillis**

UC Berkeley Space Sciences Laboratory

Dr. Lillis is currently the Associate Director for Planetary Science at the UC Berkeley Space Sciences Laboratory. He is also the Principal Investigator of the ESCAPADE twin satellite mission to Mars, launching in 2024. Lillis is also a founding science team member of the NASA MAVEN mission (deputy lead for the energy particle detector) and the Emirates Mars Mission. He has a BA in physics from Trinity College Dublin, Ireland, and received his PhD in 2006 from the University of California Berkeley.

Dr. Lillis' research interests lie in planetary space physics and geophysics. He is currently involved in a range of research projects primarily focused on Mars including crustal magnetization, impact cratering record, ionospheric electrodynamics, energetic particles, auroral processes, atmospheric escape and evolution, and the structure and variability of its induced magnetosphere. He was listed as Project Scientist in the current round of SMEX proposals.